

FORM PTO-390 (REV 10-2000) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>GIN-517CPUS</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C.371</b>		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold; text-align: center;">09/720534</div>
INTERNATIONAL APPLICATION <b>PCT/JP99/03242</b>	INTERNATIONAL FILING DATE <b>18 June 1999 (18.06.99)</b>	PRIORITY DATE CLAIMED <b>26 June 1998 (26.06.98)</b>
TITLE OF INVENTION <b>HUMAN PROTEINS HAVING HYDROPHOBIC DOMAINS AND DNAs ENCODING THESE PROTEINS</b>		
APPLICANT(S) FOR DO/EO/US <b>Seishi KATO and Tomoko KIMURA</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C.371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>Items 11. to 16. below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included</li> <li>13. <input type="checkbox"/> A FIRST preliminary amendment.  <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information: <b>Transmittal Letter (2 sheets in duplicate); PCT Request (4 sheets); PCT Notification Concerning Submission or Transmittal of Priority Document (1 sheet); PCT Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (1 sheet); PCT Notification of Receipt of Record Copy (1 sheet); PCT International Published Application (WO 00/00506) (without International Search Report) (117 sheets); Cover Sheet of PCT International Published Application (WO 00/00506) (with International Search Report attached) (9 sheets); PCT International Preliminary Examination Report (7 sheets); Sequence Listing (45 sheets) along with Transmittal Letter and Diskette for Sequence Listing (1 sheet); Check (#040620) (\$1130) based on large entity; Certificate of Express Mailing (1 sheet); and Return Postcard.</b> </li> </ol>		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>09/720534</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP99/03242</b>		ATTORNEY'S DOCKET NO. <b>GIN-6717CPUS</b>	
17. <input checked="" type="checkbox"/> The following fees are submitted:  <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) (a/o November 1, 2000):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1000  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$860  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.455(a)(2)) paid to USPTO .....\$710  International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$690  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100  <div style="text-align: center;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>				CALCULATIONS    PTO USE ONLY          <div style="display: flex; justify-content: space-between;"> <span><b>\$860</b></span> <span></span> </div>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$--	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	10    -20 =	0	X \$18.00	\$0	
Independent claims	2    -3 =	0	X \$80.00	\$0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ 270.00	\$270	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1130</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<b>\$1130</b>	
<b>SUBTOTAL =</b>				<b>\$1130</b>	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$--	
<b>TOTAL NATIONAL FEE =</b>				<b>\$1130</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$--	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1130</b>	
				Amount to be:	\$
				refunded	
				charged	\$
a. <input checked="" type="checkbox"/> A check (#040620) in the amount of <b>\$1130</b> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>12-0080</b> . A duplicate copy of this sheet is enclosed.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: <b>Amy E. Mandragouras, Esq.</b> <b>LAHIVE &amp; COCKFIELD, LLP</b> <b>28 State Street</b> <b>Boston, Massachusetts 02109</b> <b>United States of America</b> <b>(617)227-7400</b> <b>Date: 19 December 2000</b>					
				SIGNATURE	
				<b>Peter C. Lauro</b>	
				NAME	
				<b>32,360</b>	
				REGISTRATION NUMBER	

IN THE UNITED STATES PATENT DESIGNATED OFFICE (DO/US)  
(National Phase of International App.: PCT/JP99/03242)

In re the  
application of: **Seishi KATO et al.**

International Application No.: **PCT/JP99/03242**

International Filing Date: **18 June 1999**

U.S. Serial No.: **Not yet assigned**

Filed: **Herewith**

For: **HUMAN PROTEINS HAVING  
HYDROPHOBIC DOMAINS AND DNAs  
ENCODING THESE PROTEINS**

Attorney Docket No.: **GIN-6717CPUS**

Assistant Commissioner for Patents  
BOX PCT  
Washington, D.C. 20231

Certification Under 37 CFR 1.10

I hereby certify that the attached:

Transmittal Letter (2 sheets in duplicate); PCT Request (4 sheets); PCT Notification Concerning Submission or Transmittal of Priority Document (1 sheet); PCT Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (1 sheet); PCT Notification of Receipt of Record Copy (1 sheet); PCT International Published Application (WO 00/00506) (without International Search Report) (117 sheets); Cover Sheet of PCT International Published Application (WO 00/00506) (with International Search Report attached) (9 sheets); PCT International preliminary Examination Report (7 sheets); Sequence Listing (45 sheets) along with Transmittal Letter and Diskette for Sequence Listing (1 sheet); Check (#040620) (\$1130) based on large entity status; Certificate of Express Mailing (1 sheet); and Return Postcard are being deposited by me with the United States Postal Service "Express Mail Post Office to Addressee" service, Mailing Label No. **EL 683 635 399 US**, under 37 CFR 1.10 on the date indicated below and is addressed to the Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231.

Date: 19 December 2000

Name: Larry Taylor

Signature: Larry Taylor